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(54) Decoder and method of decoding using pseudo two pass decoding and one pass encoding

(57) A method of processing video frame data, including the steps of:

- receiving a video frame;
- partially decoding the video frame;
- fully decoding the video frame to produce macroblocks;

(d) determining video data parameters from the partially decoded video frame or both the partially and fully decoded video frame;

(e) encoding the macroblocks based on the determined video data parameters to provide a compressed video frame for subsequent display.

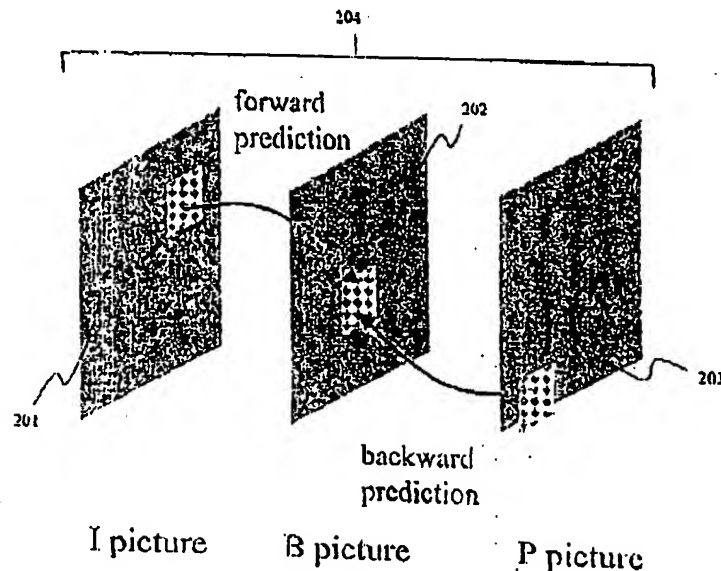


Figure 1

EP 1 465 430 A2